

Message

From: Verhalen, Frances [verhalen.frances@epa.gov]
Sent: 5/6/2021 1:33:49 PM
To: Casso, Ruben [Casso.Ruben@epa.gov]
Subject: FW: Follow up
Attachments: ATT00001.txt; EPA_LDEQ_0421.pptx

From Sasol

Frances Verhalen, P.E., Chief
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From: Cusimano, Kim (KC) <Kim.Cusimano@us.sasol.com>
Sent: Thursday, May 06, 2021 7:49 AM
To: Verhalen, Frances <verhalen.frances@epa.gov>; Lourdes Iturralde <lourdes.iturralde@la.gov>
Cc: Potgieter, Pieter (PP) <Pieter.Potgieter@us.sasol.com>
Subject: Follow up

Frances and Lourdes,

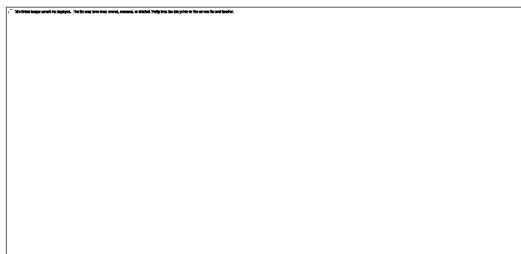
We appreciated the opportunity to speak with the EPA and DEQ teams in April about our Lake Charles ethylene oxide operations, permitted emissions profile and continuous improvement program.

To that end, per your request, see **below** a recap of our most recent control device testing. I'm also **attaching** the presentation we shared with your teams in our April zoom call.

Please advise if you desire any additional information from our side.

- Back in June 2019, we committed to LDEQ leadership and staff that we would proactively complete a round of testing on a particular EO point source responsible for the majority of our EO emissions to confirm control device destruction efficiency and resulting emission data reporting.
- We completed the testing and reported the results to LDEQ in August of 2019. In short, the results indicate we are getting a greater destruction efficiency yielding a significant decrease in reported emissions.
- Our tests confirmed that we had been significantly over-reporting our ethylene oxide emissions for several years. For example, for one point source, the test showed we actually emitted 0.378 tons in 2017, over 90% less than the 7.55 tons we reported to the agency for 2017. Since that time, we have been working with the Louisiana Department of Environmental Quality to revise our reported emissions for the five-year period of 2014-2018 to reflect this more accurate data.
- Following submittal of these results, we worked with LDEQ staff to update our historical record of emissions. The revised data can be accessed at this link:
<https://edms.deq.louisiana.gov/App/doc/email.aspx?plopt=noidx&doc=11843996&child=yes>
- We also submitted this updated data to Region 6.

Best,
Kim



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